

# List of Publications

## 2009-2018: List of publications in journals and volumes of national and international conferences

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Till now I have published as author or coauthor more than 50 publications (see CV for more details). The works listed below are published after PhD public defense in March 2009, and are result of various research projects that I coordinate or I was member.

They are indexed in international databases (ACM Digital Library, IEEE Computer Society, DBLP, Web of Knowledge). I'm also co-author at three books with publisher recognized by CNCSIS.

1. G. Calancea, **L. Alboaie**, A. Panu, A SwarmESB Based Architecture for an European Healthcare Insurance System in Compliance with GDPR, 19th International Conference on Parallel and Distributed Computing, Applications and Technologies (*PDCAT-18*), Jeju, Korea, 2018.
2. I. Stanescu, **L. Alboaie**, A. Panu, Blockchain and Smart-contracts Modeled in a SwarmESB Ecosystem, 19th International Conference on Parallel and Distributed Computing, Applications and Technologies (*PDCAT-18*), Jeju, Korea, 2018.
3. **L. Alboaie**, Interpretarea principiilor privacy by design în era cloud computing, *Anale UAIC, Tomul, LXIII, Științe juridice, nr. II, ISSN: 1221-8464*, 2017.
4. **L. Alboaie**. Towards a smart society through personal assistants employing executable choreographies. At *26th International Conference on Information Systems Development, Cyprus*, 6-8 September 2017.
5. N. C. Ursache, C. Damian, S. Alboaie, **L. Alboaie**, and E.M. Stouti. Bringing Executable Choreographies to the IoT. At *22nd IMEKO TC4 Symposium and 20th International Workshop on ADC Modelling and Testing*, ID-192, Iasi, Romania, September, 2017.
6. Sinica Alboaie, Ioana Bogdan, **Lenuta Alboaie**, and Mircea-Florin Vaida. Operations on encrypted data in an ORM made for encrypted choreographies. At *16th RoEduNet Conference: Networking in Education and Research, IEEE 13th International Conference on Intelligent Computer Communication and Processing*, Târgu-Mureș, Romania, September, 2017.
7. **L. Alboaie**. Cloud Computing – Nucleul Vietii Digitale al utilizatorilor. In *Revista Columba, Nr. 6/2017, Supliment cultural-științific al revistei STUDII ȘI COMUNICARI/DIS a Diviziei de Istoria Științei a CRIFST al Academiei Române, Comitetul Roman de Istorie si Filosofia Stiintei si Tehnicii, Academia Romana, ISSN: 1841-9852*, 2017.

8. C. Serban, **L. Alboaie**, and A. Iftene. Image and user profile-based recommendation system. At *Linguistic Linked Open Data 12th EUROLAN 2015 Summer School and RUMOUR 2015 Workshop*, Sibiu, Romania, July 13-25, 2015, Revised Selected Paper, ISBN: 978-3-319-32941-3 (Print) 978-3-319-32942-0 (Online), Volume 588, Pages 67-82, 2016.
9. Sinica Alboaie, **Lenuta Alboaie**, Mircea-Florin Vaida, and Cristina Olariu. Executable choreographies applied in OPERANDO, (extended paper). In *Computer Science Journal of Moldova*, 2016. Vol. 24, Issue 3, p417-436., 20p, 2016.
10. C. Damian, **L. Alboaie**, and A. Iftene. Using WSN and Mobile Apps for Home and Office Ambient Monitoring and Control. At *Proceedings of the 13th International Conference on Human-Computer Interaction RoCHI-2016*. Matrix ROM : Bucharest (2016) 119 pages, ISSN 2501-9422 ISSN-L 2501-9422, 2016.
11. Sinica Alboaie, **Lenuta Alboaie**, and Mircea-Florin Vaida. Web service transformations in a federated Enterprise Service Bus based on executable choreographies. At *Proceedings of the Conference on Mathematical Foundations of Informatics MFOI2016*, July 25-29, Chisinau, Republic of Moldova, 2016.
12. Sinica Alboaie, **Lenuta Alboaie**, and Andrei Panu. Levels of Privacy for e-Health systems in the cloud era. At *24<sup>th</sup> International Conference on Information Systems Development*. Harbin, China, August 25-27, 2015.
13. Lucian Nita, and **Lenuta Alboaie**. System for medical data acquisition and patient health state telemonitoring. At *SIELMEN* (<http://sielmen.ucv.ro>), Chisinau, 2015.
14. S. Ungureanu, A. Panu, and **Lenuta Alboaie**. A Cloud Gaming System Design Insights. At *Proceedings of 12th International Conference on E-Business - ICE-B*, Franta, 2015.
15. **Lenuta Alboaie**, Sinica Alboaie, and Tudor Barbu. Extending swarm communication to unify choreography and long-lived processes. At *23rd International Conference on Information Systems Development (ISD2014 Croatia)*, 2014.
16. A. Iftene, **L. Alboaie**, C. Șerban, and A. Sirițeanu. Căutarea de imagini pe baza conținutului și a metadatelor asociate. In *a 11a Conferință Națională Om-Calculator - RoCHI 2014*. ISSN 2344-1690. Pp. 117-122. Constanța, 4-5 Septembrie 2014.
17. A. Iftene, and **L. Alboaie**. Diversification in an image retrieval system based on text and image processing. In *Computer Science Journal of Moldova*, vol.22, no.3 (66), pp. 339-348, ISSN 1561-4042, 2014.
18. S. Ungureanu, A. Panu, **L. Alboaie**, S.C. Buraga, and A. Iftene. InstantPlay - O platforma de Cloud Gaming. In *Revista Romana de Interactiune Om-Calculator* 7(1), Pp. 21-36, ISSN 1843-4460, 2014.

19. **Lenuta Alboiaie**, Sinica Alboiaie, and Panu Andrei. Swarm Communication - a Messaging Pattern proposal for Dynamic Scalability in Cloud. At *15th IEEE International Conference on High Performance Computing and Communications (HPCC 2013)*. Zhangjiajie, China, November 2013.
20. Cristina Șerban, Alexandra Sirițeanu, Claudia Gheorghiu, Adrian Iftene, **Lenuța Alboiaie**, and Mihaela Breabăn. Combining image retrieval, metadata processing and naive Bayes classification. At *Plant Identification 2013, CLEF 2013 Conference and Labs of the Evaluation Forum, Information Access Evaluation meets Multilinguality, Multimodality and Visualization*, 2013.
21. Claudia Gheorghiu, Andrei Panu, and **Lenuta Alboiaie**. A Semantic Web Platform for Legal Knowledge in Cloud. At *IEEE 12th International Conference on Intelligent Software Methodologies, Tools and Techniques*, 2013.
22. Andrei Panu, Sabin C. Buraga, and **Lenuta Alboiaie**. Qsense – Learning Semantic Web Concepts by Querying DBpedia. At *Proceedings of 10th International Conference on E-Business - ICE-B*, Iceland, 2013.
23. **Lenuta Alboiaie**. Transmission and data management – essential factors in the information society development, (in Romanian). In *Revista Noema, Comitetul Roman de Istorie si Filosofia Stiintei si Tehnicii*, Academia Romana, ISSN: 1841-9852, 2013.
24. Emanuela Boros, Alexandru-Lucian Ginsca, Sabin-Corneliu Buraga, and **Lenuta Alboiaie**. SUP: A Service Oriented Framework for Semantic User Profile Extraction and Representation. At *ICCP 2012 - IEEE 8th International Conferences on Intelligent Computer Communication and Processing*, pp. 181-187, ISBN: 978-1-4673-2951-4, Cluj-Napoca, Romania, August 30-September 1, 2012.
25. George L. Chetreanu, Alina E. Mihăilă, Iulian Vascu, George Vlad, Sabin C. Buraga, and **Lenuta Alboiaie**. PeRe: A Location-Based Personal Semantic Web Recommender. At *2012 IEEE International Conference on Automation, Quality and Testing, Robotics, THETA 18th edition*, 24th -26th May, Cluj-Napoca, Romania, 2012.
26. **Lenuta Alboiaie**, Mircea-F. Vaida, and Diana Pojar. Alternative Methodologies for Automated Grouping in Education and Research. At *CUBE 2012, CUBE International Information Technology Conference & Exhibition*, Pune, India, ACM, 3 - 5 September 2012.
27. **Lenuta Alboiaie**. Evolutia prelucrării și transmiterii datelor în societatea umană (in Romanian). In *Revista Noema, Comitetul Roman de Istorie si Filosofia Stiintei si Tehnicii*, Volumul XI, pp.253-270, Academia Romana, ISSN: 1841-9852, 2012.
28. **Lenuta Alboiaie**, and Mircea-F. Vaida. Trust and Reputation Model for Various Online Communities. In *Studies in Informatics and Control*, ISSN 1220-1786, June 2011, Vol. 20, Issue 2, pp. 143-156, ISI journal, IMPACT FACTOR/ 2010 = 0.671, 2011 .

29. Alina Gozman, Daniel Munteanu, Andrei Panu, **Lenuța Alboiaie**, and Sabin Buraga. SINUX – Ubuntu spiced up with Semantic Web. At *10th Networking in Education and Research- RoEduNet IEEE Conference*, ISSN 2247-5443, pp.199-204, June 23-25, 2011.
30. Claudia Gheorghiu, Radu Nicolescu, Andrei Bogdan, Cristian Ochisor, Sabin Buraga, and **Lenuta Alboiaie**. SIGMA - Semantic Government Mash-Up Application: Using Semantic Web Technologies to Provide Access to Governmental Data. At *International Symposium on Parallel and Distributed Computing - ISPDC*, pp.247 – 253, INSPEC Accession Number: 12442940; Digital Object Identifier: 10.1109/ISPDC.2011.43, Cluj 2011.
31. Radu Terec, Mircea-Florin Vaida, **Lenuta Alboiaie**, and Ligia Chiorean. DNA Security using Symmetric and Asymmetric Cryptography. In *International Journal of New Computer Architectures and Their Applications (IJNCAA)*, Vol. 1, No. 1, pp. 35-51, (extension of article Alternative DNA Security using BioJava), ISSN 2220-9085, 2011.
32. Mircea-Florin Vaida, Florin-Claudiu Pop, Marcel Cremene, and **Lenuta Alboiaie**. Creating Optimal Groups of Students in E-learning using Alternative Methodologies. In *Computers and Advanced Technology in Education - CATE2011*, pp. 30-37, Cambridge, ISBN: 978-0-88986-888-5, 11-13 July 2011.
33. Mircea-Florin Vaida, Radu Terec, and **Lenuta Alboiaie**. Alternative DNA Security using BioJava. At *International Conference on Digital Information and Communication Technology and its Applications - DICTAP 2011*, SDIWC, pp.455-469, Part 1, ISSN: 1865-0929, e-ISSN: 1865-0957, ISBN: 978-3-642-21983-2, e-ISBN: 978-3-642-21984-9, DOI: 10.1007/978-3-642-21984-9, Springer, LCCN: 2011930189Univ. de Bourgogne, Dijon, France, 21-23 June, 2011.
34. **Lenuta Alboiaie**, and Mircea-F. Vaida. Modeling of Trust to Provide Users Assisted Secure Actions in Online Communities. At *NDT 2010, Network Digital Technologies*, In *Communications in Computer and Information Science Part I*, (CCIS) of Springer Lecture Notes Series - 87 ([www.springer.com/series/7899](http://www.springer.com/series/7899)), ISI Proceedings and Scopus, pp.369-382, ISSN 1865-0929, ISBN -10 3-642-14291-5, ISBN- 13 978-3-642-14291-8, Prague, 7-9 July 2010.
35. Mihaela Breaban, **Lenuta Alboiaie**, and Henri Luchian. Guiding Users within Trust Networks Using Swarm Algorithms. At *IEEE Congress on Evolutionary Computation (IEEE CEC 2009)*, pp. 1770-1777, ISBN: 978-1-4244-2958-5, DOI: 10.1109/CEC.2009.4983155 , 2009.
36. **Lenuta Alboiaie**, and Sabin Buraga. Trust and Reputation in e-Health Systems. In *IFMBE Proceedings Vol. 26*, at *International Conference on Advancements of Medicine and Health Care through Technology, Meditech09*, pp. 257-260, ISSN 1680-0737, ISBN 978-3-642-04291-1, e-ISBN 978-3-642-04292-8, DOI 10.1007/978-3-642-04292-8, Library of Congress Control Number: 2009934354, Cluj-Napoca, Romania, Indexare Springer 23-26 September 2009.
37. **Lenuta Alboiaie**. How could trust metrics improve recommendation systems? Distributed environments. Adaptability, Semantics and Security Issues. At *International Romanian-French*

*Workshop*, Cluj-Napoca: Editura U.T. Press, pp. 119- 127, ISBN 978-973-662-489-6, 17-18 september 2009.

38. **Lenuta Alboai**e, and Sinica Alboai.e.. Organic development of enterprise-level applications, Distributed environments. Adaptability, Semantics and Security Issues. At *International Romanian-French Workshop*, Cluj-Napoca: Editura U.T. Press, 2009, pp. 46-54, ISBN 978-973-662-489-6, 17-18 september 2009.

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<b>Scientific books published in national publishers</b>	<p>39. Mircea-Florin Vaida, <b>Lenuța Alboai</b>e, Petre Gavril Pop, Cosmin Strilețchi, Ligia-Domnica Chiorean, Programare orientata pe obiecte si programare web, Editura: Casa Cărții de Știință, Cluj-Napoca, ISBN 978-606-17-0005-9, (245 pages), 2011</p> <p>40. Mircea-Florin Vaida, Petre Gavril Pop, Cosmin Strilețchi, Ligia-Domnica Chiorean, <b>Lenuța Alboai</b>e, Programarea în limbajul C/C++. Algoritmi de bază în C/C++, Editura: Casa Cărții de Știință, Cluj-Napoca, ISBN 978-606-17-0004-2, (262 pages), 2011</p> <p>41. Mircea-Florin Vaida, Ligia-Domnica Chiorean, <b>Lenuța Alboai</b>e, Petre Gavril Pop, Cosmin Strilețchi, Kuderna-Iulian Bența, Programarea în limbajul C/C++ cu elemente C++1y. Programare web C++, Casa Cartii de Stiinta, Cluj-Napoca, pp. 336, ISBN 978-606-17-1015-7, 2016</p>
<b>Editor</b>	<p>42. <b>Lenuța Alboai</b>e, Dan Cristea, Corina Forăscu, Daniela Gîfu (eds.), BringITon! 2012 Catalog. ISSN 2285-0929, ISSN-L: 2285-0929, Editura Universității „Alexandru Ioan Cuza”, Iasi, 2012</p> <p>43. <b>Lenuța Alboai</b>e, Dan Cristea, Corina Forăscu, Daniela Gîfu, Adrian Iftene (eds.). BringITon! Catalogue 2014. “Alexandru Ioan Cuza” University of Iași Publishing House, 68 p., ISSN 2285-0929, 2014</p> <p>44. Alexandru-Adrian Tantar, Emilia Tantar, Michael Emmerich, Pierrick Legrand, <b>Lenuța Alboai</b>e, Henri Luchian (eds.), EVOLVE - A Bridge between Probability, Set Oriented Numerics, and Evolutionary Computation VI, Published under the imprint: Springer; Series Title: Advances in Intelligent Systems and Computing, 2018</p>

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